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KARPOV, L.; TULUPOVA, N.

Answer to the letter of comrades V.I.Meshchenko and E.V.Kovalenko.
Trakt.i sel'khozmash. no.8:48 Ag '59. (MIRA 12:11)
(Agricultural machinery industry)

ZHURAVLEV, M.R.; KARPOV, L.D.

Mechanization of loading and unloading operations and transportations.
Sel'khozmashina no.6:21-25 Je '57. (MLRA 10:7)

1. Nauchno-issledovatel'skiy institut traktorosel'khozmash.
(Agricultural machinery industry) (Loading and unloading)

KARPOV, L.D., inzh.; TULUPOVA, N.L., inzh.

Calculations for determining the need of auxilary workers and for setting their work norms. Trakt. i sel'khozmash. no.3:32-36 Mr '58. (MIRA 11:5)

1. Nauchno-issledovatel'skiy institut Traktorsel'khozmash.
(Agricultural machinery industry)

ZHURAVLEV, M.; KARPOV, L.

Organization and mechanization of transport and warehouse work in machinery manufacturing. Sots. trud. no.8:65-72 Ag '58.
(MIRA 11:9)
(Agricultural machinery industry) (Loading and unloading)

KARPOV, L.D., inzh.-ekon.

Applying norms of unfinished production in scheduled planning.
Trakt. i sel'khozmash. no.10:41-44 O '58. (MIRA 11:10)
(Agricultural machinery industry)

AUTHORS: Zhuravlev, M.R., Karpov, L.D., Engineers SOV-118-58-8-13/24

TITLE: Mechanization of Loading and Unloading Operations in Tractor and Farm Machinery Plants (Mekhanizatsiya pogruzochno-razgruzochnykh rabot na zavodakh traktornogo i sel'sko-khozyaystvennogo mashinostroyeniya)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 8, pp 29-31 (USSR)

ABSTRACT: The authors studied the degree of mechanization of loading and unloading operations in different plants and factories of the Union. The average degree of mechanization in 40 tractor and farm machinery plants is about 55 %, and less in smaller plants and factories. For example, it is 60 % in the Stalingrad Tractor Plant, but only 12 % in the Michurinsk plant. Causes of this unsatisfactory condition is the incapability of large specialized plants to produce enough equipment. As a consequence, 45 % of the orders for lifting and transporting equipment were met in 1957. The authors describe various loading and unloading equipment in different

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SOV-118-58-8-13/24

Mechanization of Loading and Unloading Operations In Tractor and Farm Machinery Plants

plants of the Union.
There are ? diagrams.

1. Industrial plants--Control systems 2. Cargo--Handling

Card 2/2

KARPOV, L.D.

Organization of transportation and storage at tractor and agricultural machinery plants. Trakt. i sel'khozmash. 31 no.3:38-40 Mr '61.
(MIRA 14:3)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo machinostroyeniya.
(Agricultural machinery industry) (Conveying machinery)

KARPOV, Lev Dmitriyevich; PETRUSHEV, I.M., red.; GERASIMOVA, Ye.S., tekhn. red.

[Potentials for economy in loading and unloading operations in industry; based on the example of machinery manufacture] Rezervy ekonomii na pogruzochno-razgruzochnykh rabotakh v promyshlennosti; na primere mashinostroeniia. Moskva, Ekonomizdat, 1962. 319 p. (MIRA 15:10)

(Loading and unloading--Cost of operation)
(Machinery industry)

KARPOV, L.D.

Means for decreasing production costs by improving transportation and storgge operations. Trakt. i sel'khozmash. 31 [i.e.32] no.11: 41-43 N '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.
(Agricultural machinery industry)

KARPOV, L.D., inzh.

Economic indices of the operations of conveying and storage service in machinery plants. Mekh.i avtom.proizv. 17 no.7: 45-51 Jl '63. (MIRA 16:8)
(Industrial management)

KARPOV, L.D., inzh.

Economic analysis of the state of interplant conveying in machinery plants. Vest. mashinostr. 43 no.6:76-79 Je '63. (MIRA 16:7)

(Conveying machinery)

KARPOV, L.D., kand.ekonom.nauk

Economic analysis of auxiliary operations at branch plants. Trakt. i sel'khozmash. no.2:42-44 F '64. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

KARPOV, L.D., kand.ekon.nauk

Practice and processing methods of economic information by branches. Vest.mashinostr. 46 no.1:84-85 Ja '66. (MIRA 19:1)

KARPOV, L.I.; ZHDANOV, I.Ye.; MEZHENIN, A.T.

Apartment house with lower ceilings. Gor. khoz. Mosk. 33 no.3:16-17 Mr '59. (MIRA 12:5)
(Moscow--Apartment houses)

KARPOV, L.I.

34024 KARPOV, L.I. Za Vysokoye Ispol'zovaniye Khlopka. (O Rabotye chesal'noy Mashiny) Tyekstil. Prom-st'; 1949, No. 10, S. 44-45

SO: Letopis' Zhurnal'nykh Statey, Vol. 42, Moskva, 1949

KARPOV, L.I., kandidat tekhnicheskikh nauk.

Work of the separators. Tekst.prom.17 no.1:19-21 Ja '57. (MLRA 10:2)

1. Glavnyy inzhener fabriki imeni Sverdlova (Vladimirskaya oblast').
(Spinning)

ZOTIKOV, V.Ye.; prof., doktor.tekhn.nauk; BUDNIKOV, I.V.; TRYKOV, P.P.; GINZBURG, L.M., retsenzent; KARPOV, L.I., retsenzent; ORLOVA, Z.M., retsenzent; TALEPOROVSKAYA, V.V., retsenzent; FINKEL'SHTEYN, I.I., retsenzent; KOPELEVICH, Ye.I., red.; SHAPENKOVA, T.A., tekhn.red.

[Fundamentals of the spinning of fabrics] Osnovy priadeniia voloknistykh materialov. Pod red. V.E.Zotikova. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 506 p. (MIRA 12:11)

1. Kafedra priadeniya khlopka Ivanovskogo tekhnologicheskogo instituta (IvTI) (for Karpov, Orlova, Taleporovskaya, Finkel'shteyn).
(Spinning)

KARPOV, L.I.

Convex feed plate of a carding machine. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.1:70-77 '60. (MIRA 13:6)

1. Ivanovskiy tekstil'nyy institut.
(Carding machines)

KARPOV, L.I., dotsent, kand.tekhn.nauk

Ways of improving carding. Tekst.prom. 20 no.3:42-45 Mr '60.
(MIRA 14:5)

1. Ivanovskiy tekhnologicheskiy institut.
(Carding machines)

KARPOV, L.I., kand.tekhn.nauk; GOL'DSHMIDT, V.G., prepodavatel';
GARIN, G.M.; BULYGIN, V.M.; SADOV, M.V., prepodavatel'

Consultation. Tekst.prom. 20 no.8:76-79 Ag '60. (MIRA 13:9)

1. Kostromskoy tekstil'nyy institut (for Gol'dshmidt). 2. Nachal'nik remontno-montazhnogo otdela Otdelochnoy fabriki Krasnovolzhskogo kombinata (for Garin). 3. Instruktor-rikhtovshchik Tbilisskoy fabriki kotonnykh chulok (for Bulygin). 4. Kiyevskoye uchilishche prikladnogo iskusstva (for Sadov).
(Textile machinery)

KARPOV, L.I., kand.tekhn.nauk

Formation of the cotton sheet on the screen. Tekst. prom. 20 no. 11:25-26 N '60. (MIRA 13:12)
(Cotton gins and ginning)

KARPOV, L.I., dotsent

Instead of replacing, modernize the rake distributor. Tekst. prom. 21 no.2:74-75 Ja '61. (MIRA 14:3)

1. Ivanovskiy tekstil'nyy institut.
(Cotton machinery)

KARPOV, L.I.

Quality of finishing work. Gor.khoz.Mosk. 36 no.7:36-38 Jl '62. (MIRA 16:1)

1. Zamestitel' nachal'nika Gosudarstvennogo arkhitekturno-stroitel'nogo kontrolya Moskvy.
(Building—Details)

KARPOV, L.I., kand.tekhn.nauk, dotsent; FEDULOV, I.G., assistent

Regulation of the speed of the bottom tapered drum of the pedal regulator of the scutching machine. Tekst.prom. 25 no.1:39-41 Ja '65. (MIRA 18:4)

1. Ivanovskiy tekstil'nyy institut (for Karpov).

BAKHAREV, A.P., inzh.; KISLOV, V.G., inzh.; KARPOV, L.N., kand.tekhn.nauk; YAKUNIN, A.S., inzh.

The new UTN-5 small-size standard fuel pump. Trakt. i sel'khozmash. no.11:5-8 N '64. (MIRA 18:1)

1. Noginskiy zavod toplivnoy apparatury (for Kislov). 2. Tsentral'nyy nauchno-issledovatel'skiy i konstruktorskiy institut toplivnoy apparatury avtotraktornykh i statsionarnykh dvigateley (for Yakunin).

KARPOV, L. N.

"Origin of the Zemstvo Sanitary Organization in Russia and Work of the First (Public) Health Physicians." Cand Med Sci, Leningrad Sanitary Hygiene Medical Inst imeni I. V. Stalin, Moscow, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
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KARPOV, L.N., kandidat meditsinskikh nauk

S.P. Krasheninnikov's contributions to studies of Siberian medicine.
Vrach. delo no.1:95-97 Ja '57 (MLRA 10:4)

1. Kafedra istorii meditsiny (zav.-dots. M.A. Tikotin)
Pervogo Leningradskogo meditsinskogo instituta.
(KRASHENINNIKOV, STEPAN PETROVICH, 1713-1755)
(SIBERIA--MEDICINE, PRIMITIVE--HISTORY)

KARPOV, L. N., Cand Tech Sci (diss) -- "Investigation of the influence of the shape of charge holes of the plunger pair of a force pump on the working process of the YaAZ engine". Leningrad, 1960. 18 pp (Min Agric RSFSR, Leningrad Agric Inst, Engineering Faculty), 280 copies (KL, No 14, 1960, 132)

BORISOV, S.G.; KARPOV, L.N.; SOKOLOV, Yu.N.; KHORIN, A.D.; VAGNER, A.A., nauchn. red.; RUNOVA, A.P., nauchn. red.; MARKOV, L.A., red.; KOGAN, F.L., tekhn. red.

[Catalog-handbook "Motor vehicles of the U.S.S.R.;" motor vehicles with special-purpose bodies and trailers] Katalog-spravochnik "Avtomobili SSSR"; avtomobili so spetsializirovannymi kuzovami i pritsepnoi podvizhnoi sostav. Moskva, Pt.2. 1963. 349 p. (MIRA 16:8)

1. TSentral'nyy institut nauchno-tekhnicheskoy informatsii po avtomatizatsii i mashinostroyeniyu.
(Motor vehicles—Catalogs) (Tractor trains—Catalogs) (Truck trailers—Catalogs)

KARPOV, L.N.

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; MENZHINSKIY, Ye.A.; IVANOV, I.D.; SERGEYEV, Yu.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; KARKHIN, G.I.; LYUBSKIY, M.S.; PUCHIK, Ye.P.; SEROVA, L.V.; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; FEDOROV, B.A.; GERCHIKOVA, I.N.; KARAVAYEV, A.P.; KARPOV, L.N.; SHIPOV, Yu.P.; VLADIMIRSKIY, L.A.; KUTSENKOV, A.A.; RYABININA, E.D.; ANAN'YEV, P.G.; ROGOV, V.V.; BELOSHAPKIN, D.K.; SEYFUL'MULYUKOV, A.M.; PARFENOV, A.Ya.; SMIRNOV, V.P.; ALEKSEYEV, A.F.; SHIL'DKROT, V.A.; CHURAKOV, V.P.; BORISENKO, A.P.; ISUPOV, V.T.; ORLOVA, N.V., red.; GORYUNOVA, V.P., red.; BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; KOSTYUKHIN, D.I., red.; MAYOROV, B.V., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; POLYANIN, D.V., red.; SOLODKIN, R.G., red.; UFIMOV, I.S., red.; EKHIN, P., red.; SMIRNOV, G., tekhn.red.

[Economy of capitalist countries in 1957] Ekonomika kapitalisticheskikh stran v 1957 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo i V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1958. 686 p. (MIRA 12:2)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

KARPOV, L.N.; GOKHMAN, V.M.

Geography in Canada. Vop.geog. no.44:205-217 '58.
(MIRA 12:5)
(Canada--Geography)

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOTOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MEIZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; BOGDANOV, O.S.; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUNYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DKRUT, V.A.; ALEKSEYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovanii prinimali uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon"yunkturnyy institut. (Economic conditions)

GOKHMAN, V.; KARPOV, L.; KOVALEVSKIY, V.; SEREBRYANNYY, L.; CHIZHOV, N.N., red.; VILENSKAYA, E.N., tekhn.red.

[U.S.A., Canada, Alaska, Greenland] SShA, Kanada, Aliaska, Grenlandiia. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 55 p. (MIRA 12:6)
(United States) (Canada) (Alaska) (Greenland)

KARPOV, L.N.

Main features of Canada's regional economic development during the postwar period. Vop. geog. no.53:85-100 '61. (MIRA 14:7)
(Canada--Economic conditions)

KARPOV, L.N.; GOKHMAN, V.M.

Valuable work of Soviet scientists on the non-Soviet Far North.
Izv. AN SSSR. Ser. geog. no.5:137-140 S-O '63. (MIRA 16:10)

GALKIN, B.I.; GRIGOR'YEV, V.M.; KALIK, A.M.; KARPOV, L.N.; LUR'YE, A.M.; MOMDZHI, G.S.; SMIRNOV, I.A.; KRYZHANOVSKIY, V.A., red.izd-va; PEN'KOVA, S.A., tekhn. red.

[Methods of testing iron ore deposits for germanium and other disseminated elements and the calculation of their resources] Metodika oprobovaniia zhelezorudnykh mestorozhdenii na germanii i drugie rasseiannye elementy i podscheta ikh zapasov. [By] B.I.Galkin i dr. Moskva, Gosgeoltekhizdat, 1963. 58 p. (MIRA 17:2)

GOKHMAN, V.M.; KARPOV, L.N.; KOVALEVSKIY, V.P.

Latest forecasting works on ensuring the productive forces of the U.S.A. and Canada with natural resources. Izv. AN SSSR. Ser. geog. no. 2:69-80 Mr-Ap '64. (MIRA 17:5)

1. Institut geografii AN SSSR.

ARMAND, D.L.; KARPOV, L.N.; KOVALEVSKIY, V.P.

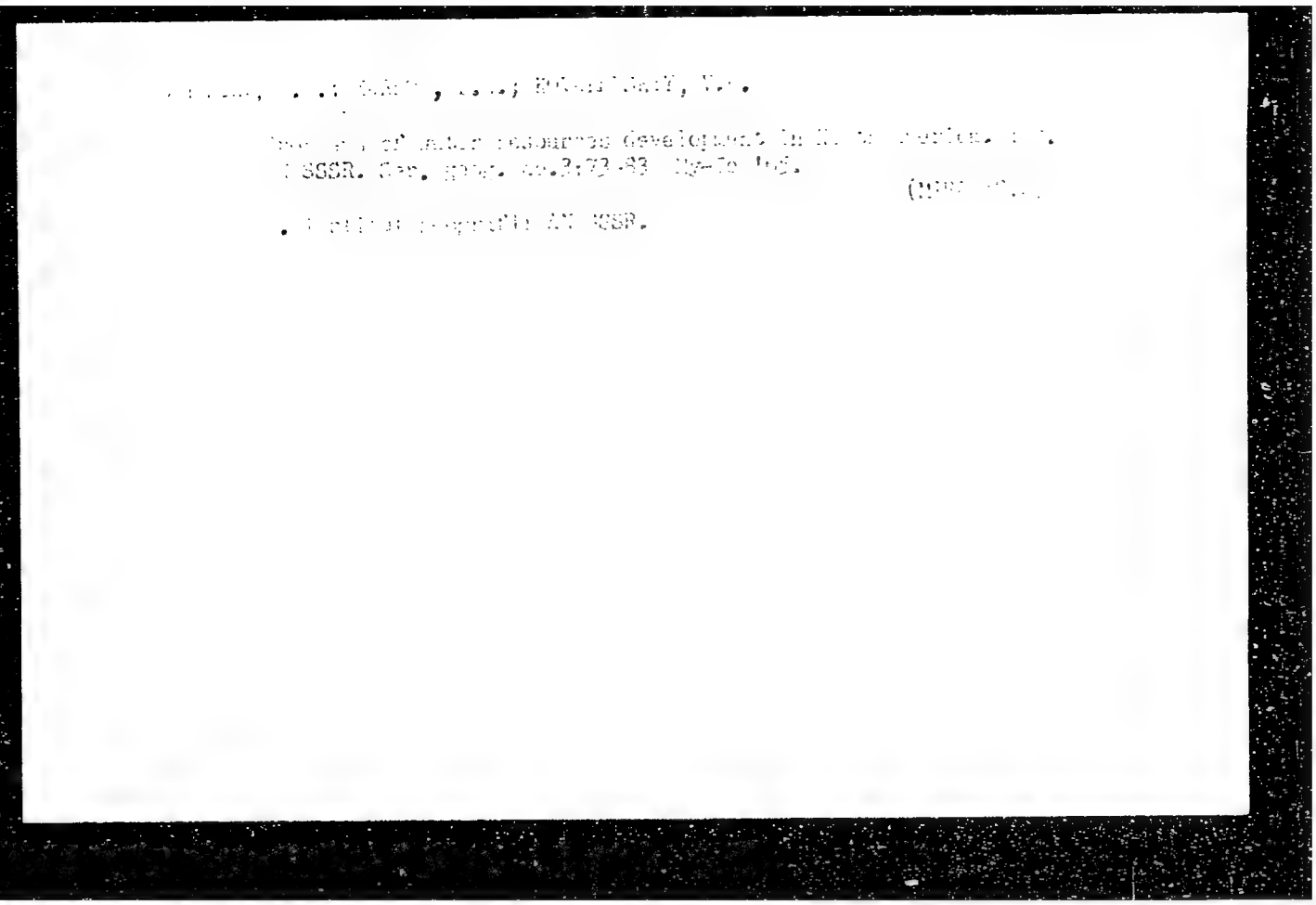
Conservation of natural resources in the foreign countries.
Izv. AN SSSR Ser. geog. no.4:97-110 '64. (MIRA 17:8)

1. Institut geografii AN SSSR.

ANTIPOVA, A.V.; KARPOV, L.N.

Atlas of Canada. Geod. i kart. no.1:73-76 Ja '65.

(MIRA 18:3)



KARPOV, Lev Nikolayevich; BELITSKAYA, Ye.Ya., red.

[Sanitary organization in the zemstvos in Russia] Zemskaia sanitarnaia organizatsiia v Rossii. Leningrad, Meditsina, 1964. 121 p. (MIRA 18:12)

KARPOV, L.P.

We are striving to save materials. Put' i put.khoz. 4 no.1: 18-19 Ja '60. (MIRA 13:5)

1. Brigadir puti, stantsiya Maloarkhangel'sk, Moskovskoy dorogi.
(Orel District--Railroads)

L 29832-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(l)-

ACC NR: AP6012237 IJP(c) JD/HW SOURCE CODE: UR/0129/66/000/004/0069/0070

AUTHOR: Karpov, L. P.

ORG: none

TITLE: Thermomechanical treatment of boring tools

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1966, 69-70

TOPIC TAGS: metal heat treatment, cutting tool, machine tool, tempering, flaw detector, austenite, durability, metal hardening, steel/ R18 steel, Kh12M steel, 1Kh18N9T steel, 3Kh13 steel, EMID-3 flaw detector

ABSTRACT: The possibilities for using thermomechanical treatment to increase the durability of cutting tools for coordinate boring is investigated. The cutting tools were made of bars of R18 steel with a diameter of 8 mm. The durability of cutting tools which had been hardened and triple-tempered was compared with cutting tools which had undergone thermomechanical treatment. Rods with a diameter of 4 mm and 6 mm and a length of 40 mm (see Fig. 1) were heat-treated under the following conditions: heating at 1280C in salt for 60 sec; cooling in fused alkali at 500C for 3 sec; deformation; quenched in oil; and triple-tempering at 560--570C for 1 hr. Thermomechanical treatment was found to increase the durability of boring tools by 20--30%. The optimum temperature for deformation of the head is 500C. The effect of thermomechanical treatment is to change the fine structure of the steel and the

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UDC: 621.937:621.785:539.374

L 29832-66

ACC NR: AP6012237

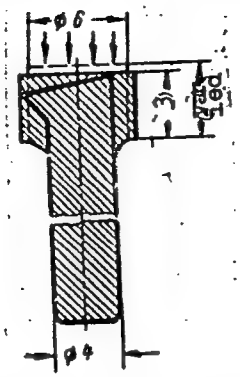

Fig. 1. Diagram of deformation of head of boring tool in state of supercooled austenite.

nature and distribution of dislocations. Orig. art. has: 1 diagram.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002

Card 2/2

KARPOV, L. S.

Dams

Improving the construction of buttreses of wooden dams. Les. prom. 12 no. 3, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

KARPOV, L.S.

Experimental investigation of metal-wooden trusses with metal inserts in joints. Trudy LTI no.50:72-86 '59. (MIRA 14:3)
(Trusses)

KARPOV, M.

KARPOV, M., starshiy serzhant.

Collapsible testing rod. Voen-inzh.zhur. 101 no.9:41 S '57.
(MLRA 10:9)
(Mines, Military)

KARPOV, M.

30154

Souryemyennaya nauka o stroyenii matyerii. molodoy Bol'shchyevik, 1949
No. 19, S. -60-67

SO: LETOPIS' NO. 34

1. KARPOV, M., Eng.
2. USSR (600)
4. Grinding and Polishing
7. For rapid grinding, Tekh. molod, 21 No. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

KARPOV, M.

Finish planing instead of scraping and grinding. Tr. from the German. p. 460.
STROJIRENSKA VYROBA, Prague, Vol. 3, no. 11, Nov. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

GREVENSHCHIKOV,V., (Leningrad); KARPOV,M., kandidat filosofskikh nauk

The calendar and chronology. Nauka i zhizn' 22 no.7:41-42 Jl '55.
(Calendar) (MLRA 8:9)

KARPOV, M. (Kerch, Krymskoy oblasti)

Our "Storehouse" of iron ore. Znan.ta pratsia no.5:10-11 My '59. (MIRA 12:10)
(Kerch--Iron mines and mining)

KUR[illegible], [illegible].

[illegible] compressed wood parts for textile machinery. Izv.vys.ucheb.zav.; khim.khim.tekhnol. no.3:156-158 '58.

(MIRA 11:8)

1. Voronezhskiy politekhnicheskiy institut.

KARPOV, M. F.

KARPOV, M. F.: "The clinical diagnosis of primary lung cancer." Gor'kiy State Medical Inst imeni S. M. Kirov. Gor'kiy, 1956. (Dissertation for the Degree of Candidate in Medical Sciences)

Source: Knizhnaya letopis' No. 28 1956 Moscow

KARPOV, M.F., kand. med. nauk

Surgical treatment of thyrotoxicosis. Khirurgiia 40 no.7:109-113 Jl '64. (MIRA 18:2)

1. Klinika gospital'noy khirurgii (zav. - chlen-korrespondent AMN SSSR zasluzhennyy deyatel' nauki prof. B.A. Korolev) lechebnogo fakul'teta Gor'kovskogo meditsinskogo instituta imeni Kirova.

L 17741-63 EWP(r)/EWT(m)/BDS AFFTC

ACCESSION NR: AP3006953 S/0021/63/000/008/1018/1021

AUTHOR: Karpov, M. I.

TITLE: On free vibrations of a stiffened cylindrical shell

SOURCE: AN UkrSSR. Dopovidi, no. 8, 1963, 1018-1021

TOPIC TAGS: free shell vibration, stringer stiffened shell vibration, stiffened shell fundamental frequency, stiffened shell natural frequency, shell frequency spectrum

ABSTRACT: The solution of the problem of the free vibration of a stiffened shell with discrete spacing of stiffeners involves considerable mathematical difficulties; the qualitative analysis of the frequency spectrum is almost impossible. A method of solution based on exact satisfaction of the vibration equations of a stiffened shell is proposed. The method furnishes an expression for frequencies in the form of a transcendental equation, which is convenient for the qualitative investigation of the frequency spectrum and for numerical computations. The problem of the free vibration of a circular cylindrical shell stiffened by equally spaced stringers with identical

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ACCESSION NR: AP3006953

geometric and elastic characteristics and supported on its faces by diaphragms perfectly rigid in their planes but easily deformable in the transverse direction is treated as a contact problem in the theory of shells and beams. It is assumed that the contact between the skin and stringers does not prevent the slipping of the stringers on the skin and their free twisting about the line of contact, but ensures the deflection of the skin and stringers as a whole. The equations of vibration of a plain (nonstiffened) shell and of an isolated stringer are taken as the initial ones. The interrelations among natural and fundamental frequencies of the plain shell, single stringer, and stiffened shell as well as the frequency spectrum of the shell are analyzed. The paper was presented by A. D. Kovalenko, Academician, Academy of Sciences, Ukrainian SSR. Orig. art. has: 5 formulas.

ASSOCIATION: Insty*tut mekhaniky* AN URSR (Institute of Mechanics, AN URSR)

SUBMITTED: 27Aug62 DATE ACQ: 27Sep63 ENCL: 00

SUB CODE: AP NO REF SOV: 003 OTHER: 000

Card 2/2

L 10500-63 EWP(r)/EWT(m)/BDS--AFFTC/APGC--EM

ACCESSION NR: AP3000456 S/0198/63/009/003/0270/0274

AUTHOR: Karpov, M. I. (Kiev) 53 52

TITLE: On one method of determining the stress-strain state of a shell reinforced by unequally spaced stiffening ribs

SOURCE: Prykladna mekhanika, v. 9, no. 3, 1963, 270-274

TOPIC TAGS: cylindrical shell, stringer-stiffened cylindrical shell, shell strain, arbitrarily spaced stringers, shell contact problem

ABSTRACT: The problem of the strength of a circular cylindrical shell stiffened by arbitrarily spaced stringers having different geometric and elastic parameters is treated as a contact problem of the shell and beam theories. The shell is supported on both faces by diaphragms which are perfectly rigid in their planes but easily deformable in the axial direction of the shell. The shell is acted upon by axial forces and bending moments at the faces and carries a surface loading whose components are given by trigonometric series. The equilibrium equations of a plain (unstiffened) cylindrical shell and of a beam are taken

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L 10500-63
ACCESSION NR: AP3000456

as initial equations. A system of ordinary differential equations is derived by applying an operational method based on integral transformation with finite limits of the equilibrium equations and by taking boundary conditions into account. By using the symbolic method, expressions describing the state of strain of a plain and of a stringer-stiffened cylindrical shell are obtained from this system in the form of a single trigonometric Fourier series. The proposed method is advantageous in that it is not necessary to solve an infinite number of algebraic equations because there are 4K unknowns (K = number of stringers). Moreover, the method can be regarded as an exact one, since it is based on strict compliance with the equilibrium equations of the stiffened shell. Orig. art. has: 9 formulas.

ASSOCIATION: Insty*tut mekhaniky* AN URSR (Institute of Mechanics, AN URSR)

SUBMITTED: 08Dec62 DATE ACQ: 19Jun63 ENCL: 00

SUB CODE: AP NO REF SOV: 004 OTHER: 000

ss/ws

Card 2/2

S/0198/64/010/001/0032/0039

ACCESSION NR: AP4010372

AUTHOR: Karpov, M. I. (Kiev)

TITLE: Determination of eigen frequencies of cylindrical shells reinforced by variably spaced rigid ribs

SOURCE: Pry*kladna mekhanika, v. 10, no. 1, 1964, 32-39

TOPIC TAGS: shell, cylindrical shell, elastic oscillation, reinforced shell, shell oscillation

ABSTRACT: On the basis of equations for the oscillations of nonreinforced shells given by M. V. Nikulin (Vliyaniye osevy*kh usiliy na chastoty* sobstvenny*kh kolebaniy tsilindricheskoy obolochki, Sb. st. pod redaktsiyey V. M. Darevskogo, Prochnost' tsilindricheskikh obolochek, Oborongiz, M., 1959) the author discusses as a contact problem of the shell theory and the theory of open profile rods the problem of free oscillations of cylindrical shells supported by stringers of different geometry and unequal elasticity, arbitrarily spaced along the shell. The solution of the shell oscillation equation is sought in the form of the product of three functions, and the equation for frequency is given in two forms, as an eight-order determinant and as a k-th order determinant (k-the number of stringers). The

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ACCESSION NR: AP4010372

first form is convenient for numerical calculations while the second is suitable for a qualitative analysis of the frequency spectrum. The spectrum of the single-stringer reinforced shell has been studied in detail. It turns out to be discrete and may contain eigen frequencies of the nonreinforced shell. The influence of the elastic and geometric properties of the stringer and of its location on the magnitude of the eigen frequencies is also shown. Orig. art. has: 22 formulas and 1 table.

ASSOCIATION: Insty*tut mekhaniki AN URSR (Institute of Mechanics AN URSR)

SUBMITTED: 14Jan63 DATE ACQ: 10Feb64 ENCL: 00

SUB CODE: AP NO REF SOV: 004 OTHER: 000

Card 2/2

KARPOV, M. K.

PA 241T23

USSR/Medicine - Immunology Jan 53

"The Action of Specific Immune Sera on Cl. perfringens," M. K. Karpov, Mil Med Acad imeni S. M. Kirov

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 1, p 80

Specific Cl. perfringens (I) antitoxic and antibacterial sera do not exert a bactericidal or bacteriostatic action on I. The direct action of these sera on I does not bring about any noticeable changes of the morphology or cultural, serological and toxicogenic properties of cultures of this microorganism.

241T23

KARPOV, M.K.

V 3176. Influence of the cortex on immunity. M. K. Karpov, V. A. Lebedinskii, and A. V. Minaev *Zh. Mikrobiol.*, 1955, 78—82; *Referat. Zh. Biol.*, 1956, Abstr. No. 74442.—Four rabbits received 25 injections of 3 ml. of 25% $MgSO_4$ solution into the thigh muscles on both sides. The injections were made under strictly constant conditions, always by the same person, with, in addition, a supplementary conditioning stimulus (bell). Four control rabbits received the same injections, but without the conditioning stimulus. Subsequently, each rabbit was given 50 mouse units of tetanus toxin, the experimental animals being given the toxin under exactly the same conditions as for the $MgSO_4$. The control rabbits rapidly developed signs of local tetanus; no evidence of toxic action was present in the experimental animals during this period. Evidently, cortical impulses are able to inhibit the action even of such a potent non-conditioning stimulus as tetanus toxin. (Russian) M. Lubran

Chair Microbiology Med. Med Acad im S. M. Kirov

SHVARTSMAN, Ya.S.; KARPOV, M.E.; TUYEV, A.S.

Immunological reactions of isolated cells. Report No. 1: Antibody synthesis by single cells isolated from animals immunized with two antigens. Zhur. mikrobiol., epid. i immun. 41 no.10:43-47 '64. (MIRA 18:5)

1. Leningradskiy institut vaktsin i syvorotok.

КАРПОВ М.М.

USSR/General Division. General Problems. Philosophy. Methodology. A-1

Abs Jour: Referat Zh.-Biol., No 17, 1957, 72345

Author : M. M. Karpov
Inst : -
Title : On the Internal Laws of the Development of Natural Science.

Orig Pub: Vopr. filosofii, 1957, No 1, 58-68

Abstract: No abstract.

Card : 1/1

-1-

KARPOV, M.M.

KOZHEVNIKOVA, Z.N.; ROLLE, Ye.N.; PUSHILOV, M.G.; BUTORINA, I.V.; ZAV'YALOVA, M.A.; KARPOV, M.M.

Second Leningrad municipal conference of young surgeons. Vest.khir. 78 no.1:140-145 Ja '57. (MLRA 10:3)
(SURGERY)

UGORETS, I.I.; GLAZUNOV, A.A.; SYROMYATNIKOV, I.A.; KASHUNIN, I.S.; POSTNIKOV, N.A.; RADTSIG, V.A.; UL'YANOV, S.A.; GRUDINSKIY, P.G.; VASIL'YEV, A.A.; KUVSHINSKIY, N.N.; BAPTIDANOV, L.N.; TARASOV, V.I.; KRIKUNCHIK, A.B.; SHAPIRO, A.B.; BIBIKOV, V.V.; DVOSHIN, L.I.; KLINGOF, I.D.; KARPOV, M.M.; USPENSKIY, B.S.; CHALIDZE, I.M.; BLOCH, Ya.A.; SHMOTKIN, I.S.

Iosif IAkovlevich Gumin; obituary. Elek.sta.26 no.12:58 D '55.
(Gumin, Iosif IAkovlevich, 1890-1955) (MLRA 9:4)

KARPOV, Mikhail Mikhaylovich; ROTOVA, R.S., red.; VORONINA, R.K., tekhn. red.

[Dialectical materialism and natural science] Dialekticheskii materializm i estestvoznanie. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 46 p. (MIRA 15:2)
(Dialectical materialism) (Natural history)

KARPOV, M.M.

Leningrad Urban Conference devoted to Acute Appendicitis. Vest. khir. 87 no.11:143-145 N '61. (MIRA 15:11)
(APPENDICITIS)

KARPOV, M.M., kand. filosof. nauk (Rostov-na-Donu)

Stimuli of scientific creativeness. Priroda 51 [i.e. 52] no.5:52-60 '63. (MIRA 16:6)

(Scientists)

KARPOV, M.M. (Szovjetunio)

Law of the accelerating development of natural sciences. Term kud kozl 7 no.12:538-540 D '63.

KARPOV, Mikhail Mikhaylovich; POTEMKIN, A.V., dots., otv. red.; KORNILOV, Ye.A., red.; PAVLICHENKO, M.I., tekhn. red.

[Basic principles governing the development of the natural sciences] Osnovnye zakonomernosti razvitiia estestvoznaniia. Rostov-na-Domu, Izd-vo Rostovskogo univ., 1963. 300 p. (MIRA 17:3)

KARPOV, M.N., inzh.

Redesigning the cooling systems of gasket packings on centrifugal pumps at the Tayba coal preparation plant. Obog. i brik. ugl. no.7: 56-58 '58. (MIRA 12:7)

1.Taybinskaya ugleobogatitel'naya fabrika.
(Tayba--Coal preparation) (Centrifugal pumps)

KARPOV, M.N.

VASIL'YEV, Dmitriy Konstantinovich; KARPOV, M.N., nauchnyy red.; LAPIN, V.I., red.; KAMOLOVA, V.M., tekhn.red.

[Testing marine boiler installations] Ispytanie sudovykh parovykh ustanovok. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl., 1957. 113 p. (MIRA 10:12)

(Boilers, Marine)

KAPITOV, M.I., inzh.

Possibility of using the electric conductivity method of measuring the density of coal pulp flowing through pipelines. Trudy VNIIGidrouglia no.4:18-27 '64. (MIRA 18:3)

1. Saratskiy metallurgicheskiy institut.

[illegible] of water, than alfalfa sod. Sainfoin roots also had more nodules and they were several times larger than those of alfalfa. -- A. A. Shchibrya.

CARD: //

Country : USSR M
Category: Cultivated Plants. Fodders.

Abs Jour: RZhBiol., No 22, 1958, No 100342

Author : Karpov, M.P.
Inst : -
Title : Esparcet in Kuybyshevskaya Oblast'.

Orig Pub: S.kh. Povolzh'ya, 1957, No 12, 23-24

Abstract: In Kuybyshevskaya Oblast' the best varieties of esparcet are Kinel'skiy 828 and Peschanyy 1251. According to the data of Kuybyshevskiy Agricultural Institute, esparcet contains more protein than alfalfa. The sowing rate of esparcet seeds in broadcast sowing is 75-90 centners/ha; in wide drill - 35-40. The seed crop may be

Card : 1/2

M-92

Country : USSR M
Category: Cultivated Plants. Fodders.

Abs Jour: RZhBiol., No 22, 1958, No 100342

gathered after a correct choice of the date of harvesting, i.e., with the browning of 75-80% of the beans on the main clusters. The best method ofharvesting is the two-stage method. -- Ye. A. Okorokova

Card : 2/2

KARPOV, Mikhail Petrovich, kand. ekon. nauk, starshiy prepodavatel'; CHAYEVSKAYA, N. [Chaievs'ka, N.], red.; LEVCHENKO, O., tekhn. red.

[Improving production quality, eliminating defects] Pidvyshchuvaty iakist' produktsii, pratsiuvaty bez braku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 45 p. (MIRA 14:11)

1. Kiyevskiy institut narodnogo khozyaystva (for Karpov).
(Ukraine—Production control)

KARPOV, M.S.; VERNIGOR, V.A.; BAT'KAYEV, R.Ya.; POPENKO, A.K.; IL'INA, K.A.; IMRANOV, N.S.; PERSHINA, E.P.

Microbiological processes in surface silage. Trudy Inst.mikrobiol. i virus.AN Kazkah.SSR 6:133-140 '62. (MIRA 15:8)
(ENSILAGE--MICROBIOLOGY)

KARPOV, M.S.; YEKIMOVA, R.N.

Improvement of silage starters (preparation and application of dry silage starters. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 7:27-32 '63 (MIRA 16:12)

KARPOV, Mikhail Stepanovich, 1874-

Karakul sheep breeding in its present state. Moskva, Novaia derevnia, 1928. 32 p.
(53-[illegible]511)

SF375.K335

KARPOV, M. S.

Karpov, M. S. "The pulmonary gas exchange of camels at rest",
Sbornik po zootekhnii i parazitologii, Tashkent, 1948, pp. 52-63, - Bibliog: 18 items.

SO: U-3261, 10 April 53 (Letopis 'Zhurnal 'nykh Statey No. 11, 1949)

KARPOV, M. S.

(1)

Consumption of carotene by sheep from field fodder in the desert of Sary-Ishik-Otrau (southern Balkhash area). M. S. Karpov. *Vestnik Akad. Nauk Kazakh. S.S.R.* 10, No. 8 (Whole No. 101), 55-62(1953).—The av. carotene content in the vegetation of this area ranges from 25 to 31 mg. per kg. in the spring to 4.3 in the winter. The daily consumption of the growth by sheep ranges from 6 kg. in the spring and summer to 4.6 kg. in late winter. The period covering spring and summer assures adequate supply of carotene to the animals, but the winter period definitely calls for feed supplementation. G. M. K.

Karpov, M.S.

Chemical composition of pasture vegetation of the Sary-Ishik-Otrau desert. M. S. Karpov and Kh. Kh. Makhmudov. *Izvest. Akad. Nauk Kazakh. S.S.R., Ser. Biol.*, No. 132, No. 7, 60-68(1954)(in Russian).—A complete listing of analysis of common Mid-Asiatic desert plants found in the Sary-Ishik-Otrau location, for H_2O, protein, fat, cellulose, and ash content. Generally the plants contain some 75-100% more cellulose than lignin; the content of the latter rises from spring to fall. A similar relation is found between cellulose (and hemicellulose) and sugars. The sum of hemicellulose and sugars is cited as the content of lignin. The grasses are generally richest in nutrients during the spring months.

O. M. Kosichkoff

KARPOV, M.S.

Mineral composition of pasture vegetation on sandy lands of the northern desert zone of Kazakhstan. Vest. AN Kazakh. SSR 14 no.9:100-107 S '58. (MIRA 11:11)
(Sary-Ishik-Otrau--Pastures and meadows)
(Plants--Chemical composition)

KARPOV, M.S.

Fermentation of wheat straw by the method of cold ensilage. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 3:111-117 '59.
(MIRA 13:2)

(Straw as feed) (Ensilage)

KARPOV, Mikhail Stepanovich; BYKOV, B.A., doktor biolog.nauk, otv.red.; KOROTOVSKIY, M.P., red.; PROKHOROV, V.P., tekhn.red.

[Pasture forage of sandy deserts of the southern Lake Balkhash region] Pastbishchnye korma peschanykh pustyn' IUzhnogo Pribalkhash'ia. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1960. 246 p. (MIRA 14:1)
(Balkhash Lake region--Pastures and meadows)

SHAMIS, D.I., otv. red.; VETIUGINA, L.A., red.; [illegible], A.N., red.; KARPOV, M.N., red.; SHIGAYEVA, M.Kh., red.; ALEKSANDRIYSKIY, V.V., red.

[Transactions of the Conference on the Microbiology of Feeds] Trudy Soveshchaniia po mikrobiologii kormov. Alma-Ata, Izd-vo AN Kaz.SSR, 1961. 126 p. (MIRA 17:11)

1. Soveshchaniye po mikrobiologii kormov, Alma-Ata, 1959.
2. Institut mikrobiologii i virusologii AN KazSSR (for Karpov, Shamis).

KARPOV, M.S.

Generally available biological method for preparing straw for feed. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR 4:107-113 '61.
(MIRA 14:4)

(STRAW AS FEED)

CHUKANOV, N.K.; KARPOV, M.S.

Alfalfa siloing conditions. Izv. AN SSSR. Ser. biol. no.6: 899-905 N-D '63. (MIRA 17:2)

1. Institut mikrobiologii i virusologii, Alma-Ata.

AUTHOR: KARPOV,M.V., OVČINNIKOV,E.P., RATNER,B.S. PA - 2257

TITLE: The Stabilizing of the Energy of Electrons in a Sychroton for 30 MeV. (Russian).

PERIODICAL: Atomnaia Energiia, Vol 2, Nr 2, pp 140 - 145, 1957 (U.S.S.R.)
Received: 3 / 1957 Reviewed: 4 / 1957

ABSTRACT: The authors had the task of building an apparatus which maintains an energy of electrons constant with a minimum accuracy of 0,5 %. The stabilizing apparatus described here is an electronic follower system which consists of donor coiling (transmitter coiling ?), integrator, amplitude discriminator, forming amplifiers, submodulator, feed sources, and control block. The block scheme of this apparatus is shown in form of a drawing just as the wiring diagrams of the integrator and the discriminator. Integration was carried out by means of a tube integrator. The amplifier with parallel current coupling has an amplification coefficient of $k_o = 4000$. The low reactive coupling ($\beta = 1$) warrants a very exact integration with equivalent time constant $\tau = RC(k_o + 1)$. The maximum error of integration is less than 0,01 %. In the wiring diagram of the parallel current amplifier measures are provided to extend its working stability. In the here described stabilizing device discriminators are used on the basis of electro-vacuum diodes. The instability of the discriminators due to the aging of tubes and to other causes is

The Stabilizing of the Energy of Electrons in a Synchroton for 30 MeV.

compensated by an additional diode, by which the stability of the discriminators is increased about tenfold. The authors gave their special attention to the increase of the stability of the operation of contrivance which assumes the moment of switching-on the high-frequency generator. The signals emanating from the output of the forming amplifiers with the amplitude of 15 V reach a trigger with two stable slates and set it in motion. From the trigger cascade then a rectangular momentum with an amplitude of 100 V reaches the modulator of the high-frequency generator. The required high operating accuracy of the whole apparatus requires extremely stable feed sources and corresponding control elements. The verification of the operation of the stabilizing system was realized by making use of the yield of the reaction $Cu^{63}(\gamma, n)Cu^{62}$; on this occasion the steep part of the excitation curve was used. An investigation of the stability of energy which was done for four consecutive days showed that the energy E_m remained constant up to $\pm$ 30 MeV. For the control of the sensitivity of the stabilizing contrivance for a change of the amplitude of the magnetic field measurements of the results of the reaction Cu^{63} $(\gamma, n)Cu^{62}$ were carried out with an assumed value of energy.

PA - 2257

The Stabilizing of the Energy of Electrons in a Synchroton for 30 MeV.

In conclusion gauging of the energy scale is discussed.

ASSOCIATION: Not given.
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress.

Card 3/3

21(9) SOV/56-35-5-7/56

AUTHORS: Kel'man, V. M., Kolyunov, V. A., Karpov, N. V.

TITLE: The Application of Magnetic Slits for the Creation of Circular Trajectories of Charged Particles (Primeneniye magnitnykh shcheley dlya formirovaniya krugovykh trayektoriy zaryazhennykh chastits)

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1958, Vol 35, Nr 5, pp 1113-1115 (USSR)

ABSTRACT: The authors of the present paper investigated an electron-optical system consisting of magnetic slits with a magnetic field increasing rapidly in the direction of the periphery but not leading to defocusing in a vertical direction, which bends the trajectories of charged particles, rendering them nearly circular. The vector potential in point P of this system has the form

$$A_z = -\frac{I}{c} \ln \frac{(r/a)^{2n} - 2(r/a)^n \cos n\varphi + 1}{(r/a)^{2n} + 2(r/a)^n \cos n\varphi + 1}; \quad A_r = A_\varphi = 0, \quad A = A_z.$$

(I = current in every conductor, r = distance between the axis of the system 0 and P, a = distance from 0 to conductor,

Card 1/3

The Application of Magnetic Slits for the Creation of Circular Trajectories of Charged Particles

2n = the number of conductors, and φ = the polar angle). For the momentum it holds that $P = \partial L/\partial \dot{x} = m\dot{x} + eA/c = m\dot{x}_0 + eA_x/c = \text{const}$; the Lagrangian $L = \frac{m}{2}(\dot{x}^2 + \dot{y}^2 + \dot{z}^2) + e\dot{x}A/c$. Sche... and schematical drawing of such a system which can be used in an accelerator with a constant guiding field are given (Figs 1, 2). The experiments carried out with this device are described. The device consisted of 16 poles arranged in a circle and having 200 windings each; the distance between the gun and the edge of the poles ~ 4-5 mm at radial oscillation of the order of 2 cm and vertical oscillations ~ 5 cm. The electron energy amounted to 3 keV (5 - 10 A). The amperage depended in a high degree on the distance between gun and pole. The phenomenon had the shape of a slightly curved band of 1 - 3 mm breadth and 10 - 20 mm height. An arrangement consisting of 32 poles gave similar results. There are 2 figures and 4 Soviet references.

Card 2/3

SOV/56-35-5-7/56

The Application of Magnetic Slits for the Creation of Circular Trajectories of Charged Particles

ASSOCIATION: Leningradskiy fiziko-tekhnicheskiy institut Akademii nauk SSSR (Leningrad Physico-Technical Institute of the Academy of Sciences, USSR)

SUBMITTED: May 16, 1958

Card 3/3

KARPOV, M.V.; OVCHINNIKOV, Ye.P.; RATNER, B.S.

Stabilization of the electron energy in a 30 Mev. synchrotron.
Trudy Fiz. Inst. 19:158-166 '63. (MIRA 16:8)

(Synchrotron)

ACC NR: AR6035395 (N) SOURCE CODE: UR/0398/66/000/009/V026/V026

AUTHOR: Karpov, M. V.

TITLE: Isosurface gradients in the motion of a signal source on a circular orbit

SOURCE: Ref. zh. Vodnyy transport, Abs. 9V191

REF. SOURCE: Sb. Vychisl. tekhn. na morsk. transp. M., Transport, 1966, 106-115

TOPIC TAGS: navigation aid, Doppler navigation equipment, measuring apparatus

ABSTRACT: The author considers the calculation of the isosurface gradient when the signal source moves along a circular orbit. It is noted that the rate of change of the Doppler shift of frequency remains constant on such isosurfaces. A formula is derived for the gradients of the isosurfaces, and the limits of variation of the values of the gradients on the surface of sphere in the visibility region are considered. An example is presented on the calculation of the necessary accuracy for the measurement of the rate of change of the Doppler frequency. 3 illustrations. [Translation of abstract]

SUB CODE: 09, 17

Card 1/1 UDC: 629.12:621.396.6

KARFOV, M. Ya., Engineer , SEREBRYAKOV, V. M., Engineer

"Increasing the Durability of Tools." Stanki I Instrument Vol. 15, Nos. 7-8, 1944

BR 52059019